A2575-1

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 71 For Week Ended December 21, 1990 NO. 51

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 12/21/90	Last Week Ending: 12/14/90	Last Year Week Ending: 12/22/89	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,072	13,066	14,004	6	-932
Operable capacity	15,591	15,591	15,591	0	0
Percent operated	83.8	83.8	89.8		
Motor Gasoline					
Total motor gasoline production	7,091	6,759	6,945	332	146
Finished leaded motor gasoline production	281	267	481	14	-200
Finished unleaded motor gasoline production	6,810	6,492	6,464	318	346
Total motor gasoline stocks	223,664	224,623	221,720	-959	1,944
Finished leaded motor gasoline stocks	10,039	9,509	18,297	530	-8,258
Finished unleaded motor gasoline stocks	174,929	175,727	166,090	-798	8,839
Jet Fuel Kerosine					
Jet fuel kerosine production	1,425	1,315	1,260	110	165
Jet fuel kerosine stocks	45,223	45,080	40,081	143	5,142
Distillate Fuel Oil					
Distillate fuel oil production	2,925	2,927	3,498	-2	-573
Distillate fuel oil stocks	131,473	132,644	112,186	-1,171	19,287
Residual Fuel Oil					
Residual fuel oil production	1,014	979	1,239	35	-225
Residual fuel oil stocks	49,261	48,671	46,312	590	2,949
Imports					
Crude oil imports	5,628	5,149	6,170	479	-542
Product imports	1,468	2,061	1,788	-593	-320
Crude Oil Stocks					
Crude oil stocks	334,715	331,458	342,014	3,257	-7,299
Crude Supply Balance	547				

*See definitions on page 6.

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT

VOL. 71 For Week Ended December 21, 1990 NO. 51

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,257	1,021	1,021	1,384	73.8
Appal. No. 1	92	89	90	124	72.6
DISTRICT 1 TOTAL	1,349	1,110	1,111	1,508	73.7
Ind., Ill., Ky.	2,059	1,852	1,893	2,195	86.2
Minn., Wisc., Daks.	331	321	322	343	93.9
Okla., Kans., Mo.	722	653	664	737	90.1
DISTRICT 2 TOTAL	3,112	2,826	2,879	3,275	87.9
Inland Texas	581	504	518	584	88.7
Texas Gulf Coast	3,294	2,889	2,935	3,339	87.9
La. Gulf Coast	2,490	2,272	2,279	2,903	78.5
N. La. and Ark.	205	179	179	257	69.6
New Mexico	79	71	71	78	91.0
DISTRICT 3 TOTAL	6,649	5,915	5,982	7,161	83.5
DISTRICT 4 TOTAL	485	438	463	556	83.3
DISTRICT 5 TOTAL	2,748	2,567	2,637	3,091	85.3
TOTAL U.S.	14,343	12,856	13,072	15,591	83.8
TOTAL U.S. Weeks Ended:					
DEC. 14, 1990	14,179	12,753	13,066	15,591	83.8
DEC. 22, 1989	14,787	13,822	14,004	15,591	89.8
DISTRICTS 1-4 Weeks Ended:					
DEC. 21, 1990	11,595	10,289	10,435	12,500	83.5
DEC. 14, 1990	11,466	10,286	10,433	12,500	83.5
DEC. 22, 1989	12,114	11,209	11,330	12,553	90.3

API WEEKLY STATISTICAL BULLETIN

Week Ended December 21, 1990

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	612	--	612	10	76	321	144
Appal. No. 1	41	1	40	--	--	25	3
DISTRICT 1 TOTAL	653	1	652	10	76	346	147
Ind., Ill., Ky.	1,214	7	1,207	4	166	433	79
Minn., Wisc., Daks.	161	3	158	1	22	88	7
Okla., Kans., Mo.	381	31	350	--	56	181	5
DISTRICT 2 TOTAL	1,756	41	1,715	5	244	702	91
Inland Texas	331	13	318	18	47	137	18
Texas Gulf Coast	1,638	--	1,638	42	331	671	220
La. Gulf Coast	1,145	--	1,145	12	312	446	184
N. La. and Ark.	67	--	67	6	1	56	11
New Mexico	45	10	35	12	1	17	--
DISTRICT 3 TOTAL	3,226	23	3,203	90	692	1,327	433
DISTRICT 4 TOTAL	198	48	150	18	30	110	10
DISTRICT 5 TOTAL	1,258	168	1,090	44	383	440	333
TOTAL U.S.	7,091	281	6,810	167	1,425	2,925	1,014
TOTAL U.S. Weeks Ended:							
DEC. 14, 1990	6,759	267	6,492	179	1,315	2,927	979
DEC. 22, 1989	6,945	481	6,464	239	1,260	3,498	1,239
DISTRICTS 1-4 Weeks Ended:							
DEC. 21, 1990	5,833	113	5,720	123	1,042	2,485	681
DEC. 14, 1990	5,555	109	5,446	141	959	2,498	638
DEC. 22, 1989	5,777	267	5,510	184	893	3,053	798

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN

Week Ended December 21, 1990

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,121	30	4,090	1	96	575	6,113	500	--
Central Atlantic	26,810	9	22,167	4,634	288	5,773	32,785	20,234	12,601
Lower Atlantic	27,842	86	27,580	176	389	6,350	17,051	2,342	442
DISTRICT 1 TOTAL	58,773	125	53,837	4,811	773	12,698	55,949	23,076	13,043
DISTRICT 2 TOTAL	56,586	2,645	46,157	7,784	1,031	9,456	31,846	3,144	14,200
DISTRICT 3 TOTAL	68,185	701	52,173	15,311	2,101	15,044	27,842	14,766	47,741
DISTRICT 4 TOTAL	7,877	1,419	3,991	2,467	355	840	2,957	512	1,808
DISTRICT 5 TOTAL	32,243	5,149	18,771	8,323	1,821	7,185	12,879	7,763	25,291
TOTAL U.S.	223,664	10,039	174,929	38,696	6,081	45,223	131,473	49,261	102,083
TOTAL U.S. Weeks Ended:									
DEC. 14, 1990	224,623	9,509	175,727	39,387	5,832	45,080	132,644	48,671	104,692
DEC. 22, 1989	221,720	18,297	166,090	37,333	5,946	40,081	112,186	46,312	105,581
DISTRICTS 1-4 Weeks Ended:									
DEC. 21, 1990	191,421	4,890	156,158	30,373	4,260	38,038	118,594	41,498	76,792
DEC. 14, 1990	193,130	4,705	157,320	31,105	4,169	38,418	119,264	41,143	78,980
DEC. 22, 1989	191,729	12,288	149,559	29,882	4,540	32,980	101,026	37,524	83,546

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasolin

[2]Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN
Week Ended December 21, 1990

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy July 1990	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
DEC. 21, 1990	4,377.0	4,407.0	5,258	686	257,913
DEC. 14, 1990	4,377.0	--	5,057	566	257,620
DEC. 7, 1990	4,390.0	--	4,530	579	256,707
NOV. 30, 1990	4,390.0	--	4,799	604	261,590
DISTRICT 5 TOTAL					
DEC. 21, 1990	2,851.0	2,647.0	370	2	76,802 #
DEC. 14, 1990	2,851.0	--	92	--	73,838
DEC. 7, 1990	2,692.0	--	173	--	75,376
NOV. 30, 1990	2,692.0	--	57	--	73,959
TOTAL U.S.					
DEC. 21, 1990	7,228.0	7,054.0	5,628	688	334,715 #
DEC. 14, 1990	7,228.0	--	5,149	566	331,458
DEC. 7, 1990	7,082.0	--	4,703	579	332,083
NOV. 30, 1990	7,082.0	--	4,856	604	335,549
DEC. 22, 1989	7,337.0 a/	--	6,170	677	342,014

#INCLUDES 18,777 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for December 1989.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1989 Averages Absolute	1989 Averages Positive	1989 Averages Negative
DEC. 21, 1990	547	451	493	-390

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
DEC. 21, 1990	16,687	70,580	157,795	12,851	257,913	76,802 #	334,715 #
DEC. 14, 1990	14,690	69,298	160,992	12,640	257,620	73,838	331,458
DEC. 22, 1989	12,646	71,493	160,737	12,019	256,895	85,119	342,014

[1]See definitional notes, Page 6.

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	78	--	78	--	--	18	85	--	6	--	--	187
Central Atlantic	158	--	158	7	18	--	167	118	3	57	--	528
Lower Atlantic	--	--	--	--	--	14	--	53	--	--	44	111
DISTRICT 1 TOTAL												
DEC. 21, 1990	236	--	236	7	18	32	252	171	9	57	44	826
DEC. 14, 1990	452	--	452	8	--	66	155	367	9	222	29	1,308
DEC. 7, 1990	299	--	299	27	12	53	174	295	79	154	47	1,140
NOV. 30, 1990	344	--	344	21	29	55	258	356	23	322	52	1,460
DISTRICTS 2-4 TOTAL												
DEC. 21, 1990	2	--	2	--	2	1	9	17	156	388	39	614
DEC. 14, 1990	13	--	13	5	--	21	5	10	94	292	267	707
DEC. 7, 1990	6	--	6	4	8	11	5	7	159	155	175	530
NOV. 30, 1990	7	--	7	41	8	22	9	10	97	288	290	772
DISTRICT 5 TOTAL												
DEC. 21, 1990	3	--	3	--	--	--	7	9	5	2	2	28
DEC. 14, 1990	9	--	9	--	--	7	2	14	6	--	8	46
DEC. 7, 1990	7	--	7	2	--	4	2	11	5	1	5	37
NOV. 30, 1990	12	--	12	3	--	7	4	11	1	1	--	39
TOTAL U.S.	241	--	241	7	20	33	268	197	170	447	85	1,468
TOTAL U.S. Weeks Ended:												
DEC. 14, 1990	474	--	474	13	--	94	162	391	109	514	304	2,061
DEC. 7, 1990	312	--	312	33	20	68	181	313	243	310	227	1,707
NOV. 30, 1990	363	--	363	65	37	84	271	377	121	611	342	2,271
DEC. 22, 1989	378	--	378	13	3	90	433	323	186	353	9	1,788

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Gasoline blending components are not included in total motor gasoline imports.

[3]Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.-
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.